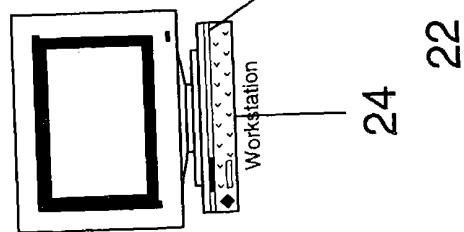


FIG. 1



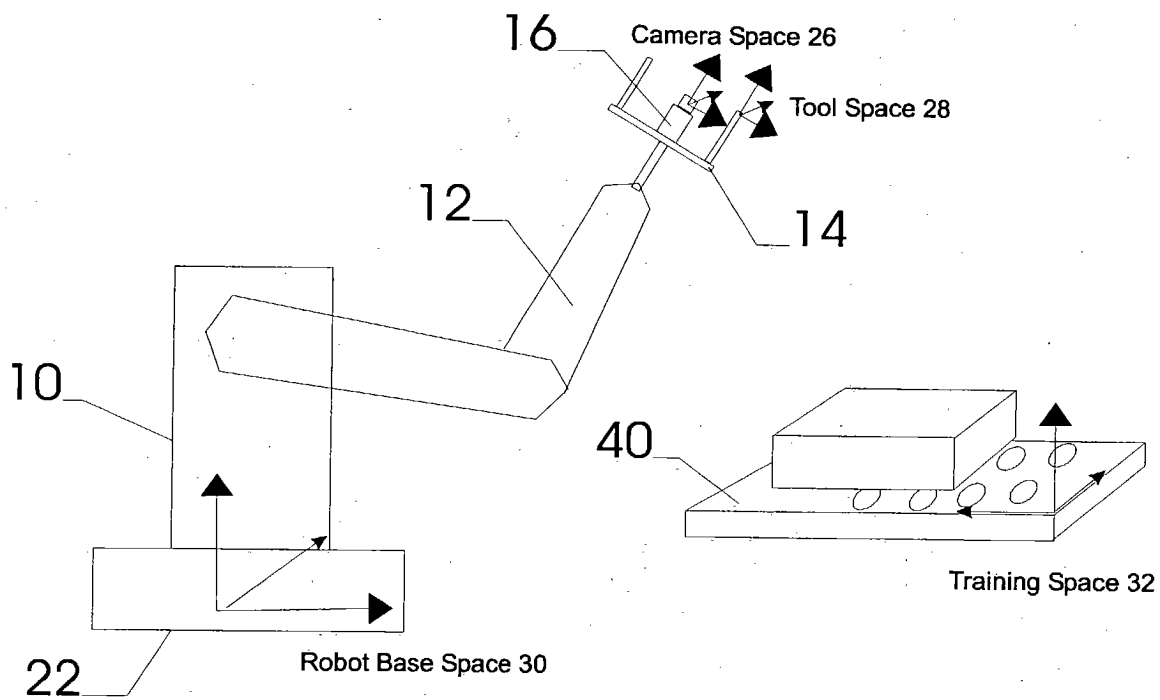
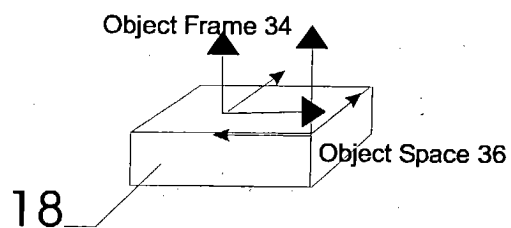


Fig. 2



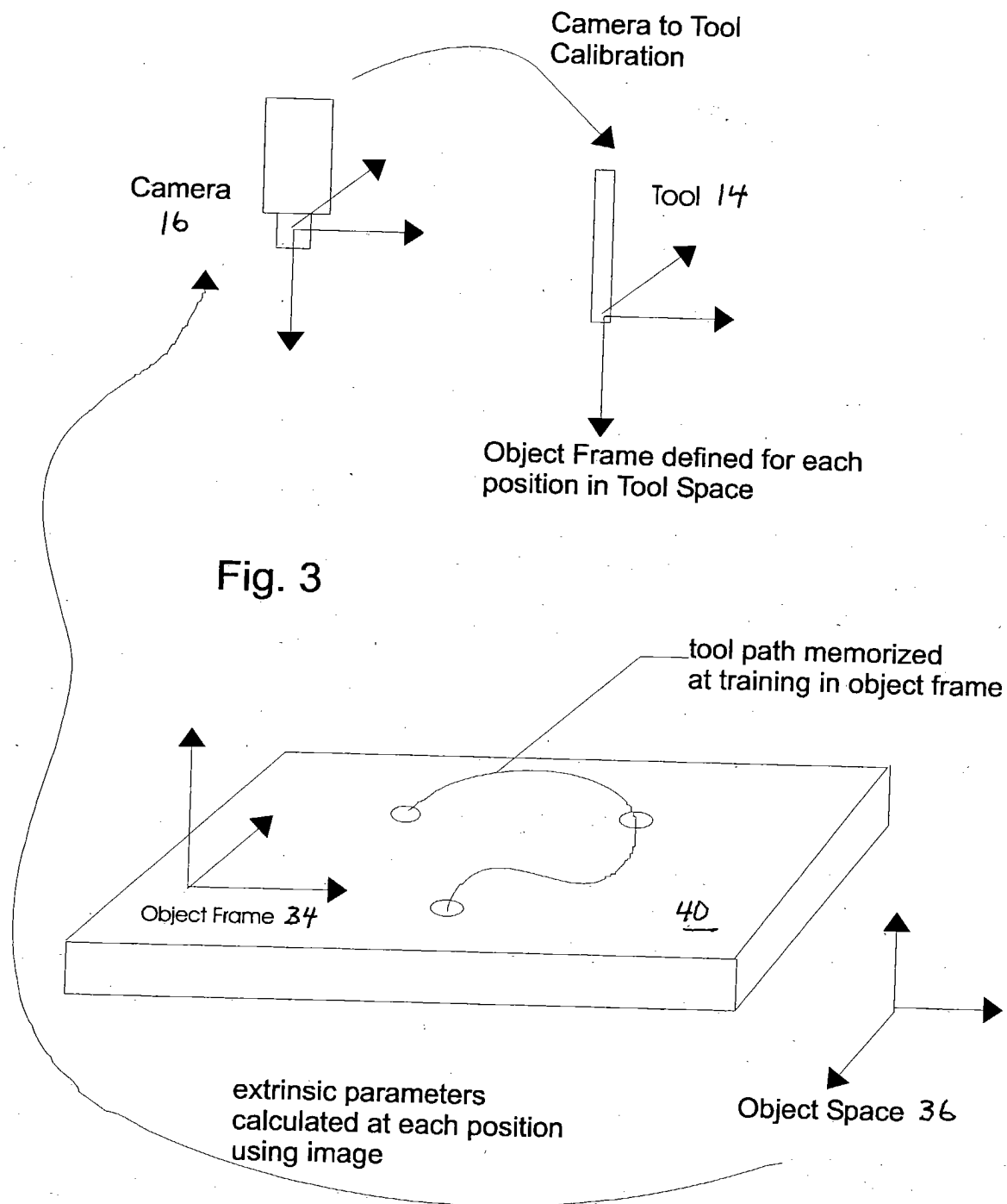
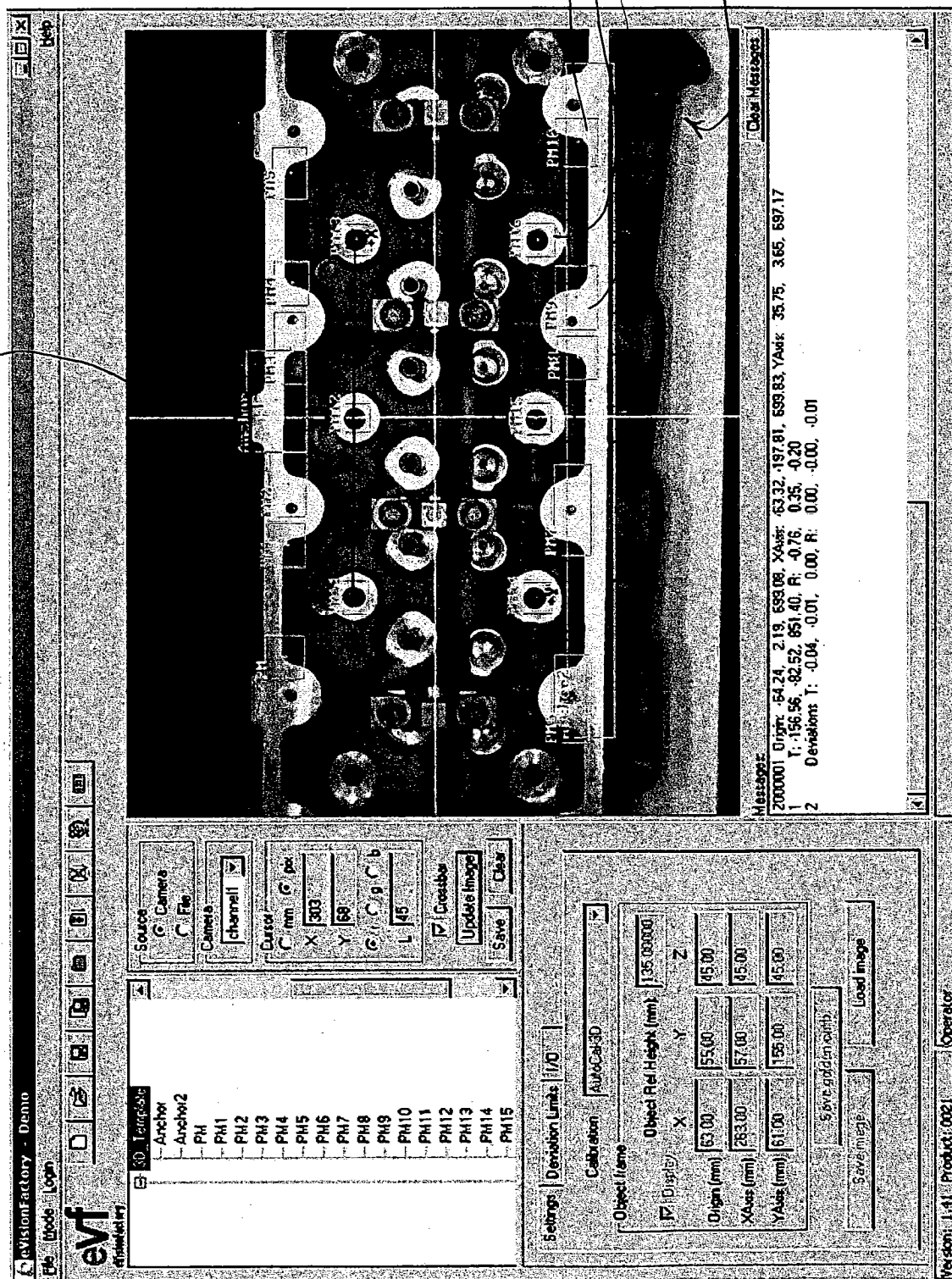


Fig. 3

FIG. 4

52



54

50

Calibration of the camera mounted on the robot arm

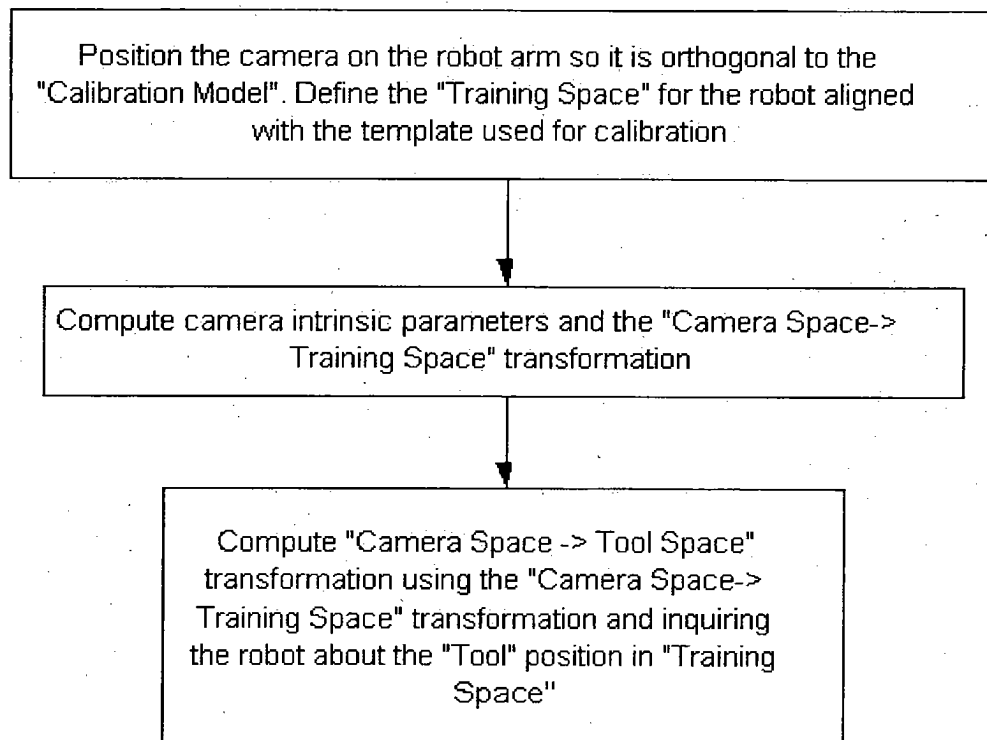


FIG. 5

Teaching The Object Features & Robot Operation Path

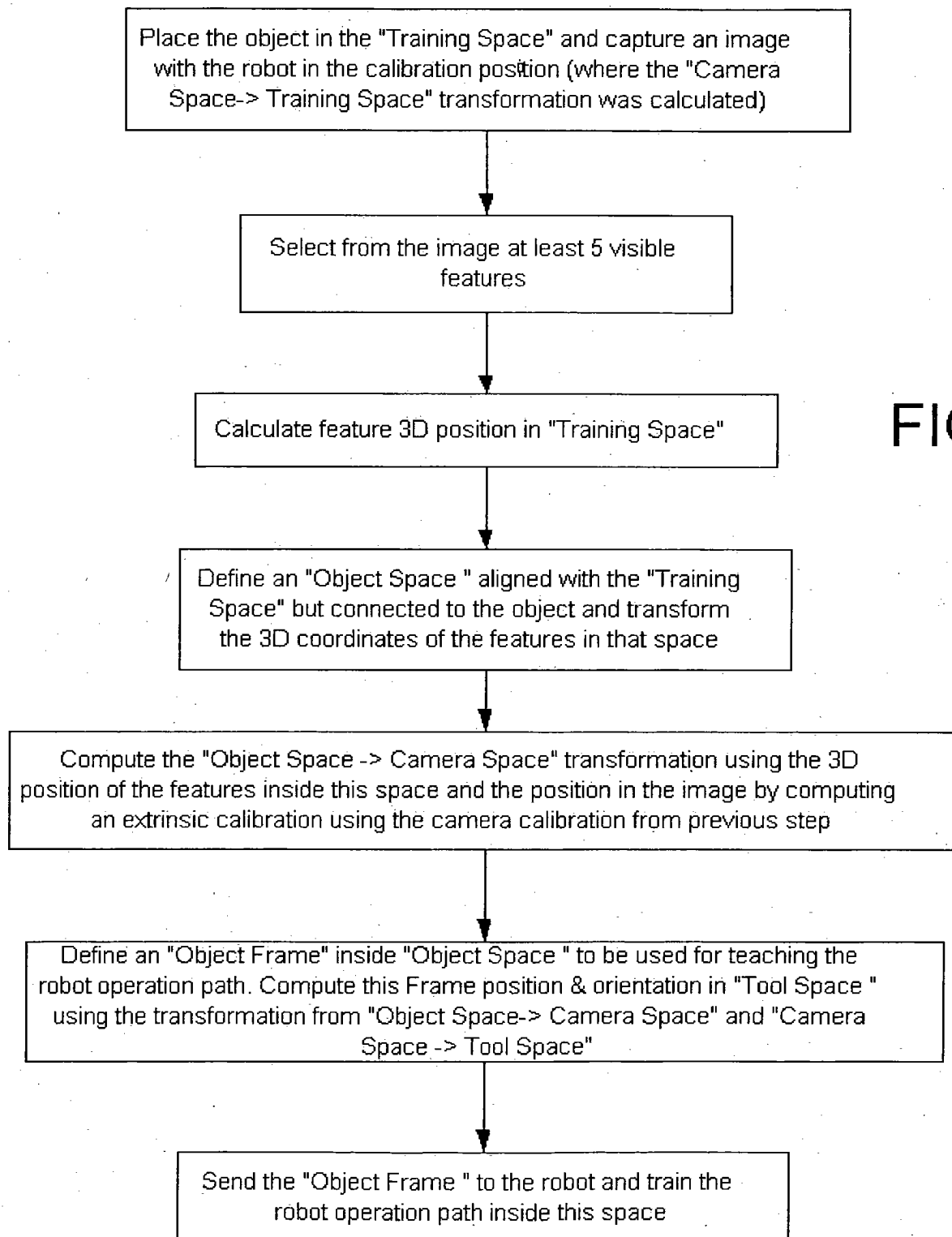


FIG. 6

Object Positioning and Robot Guidance

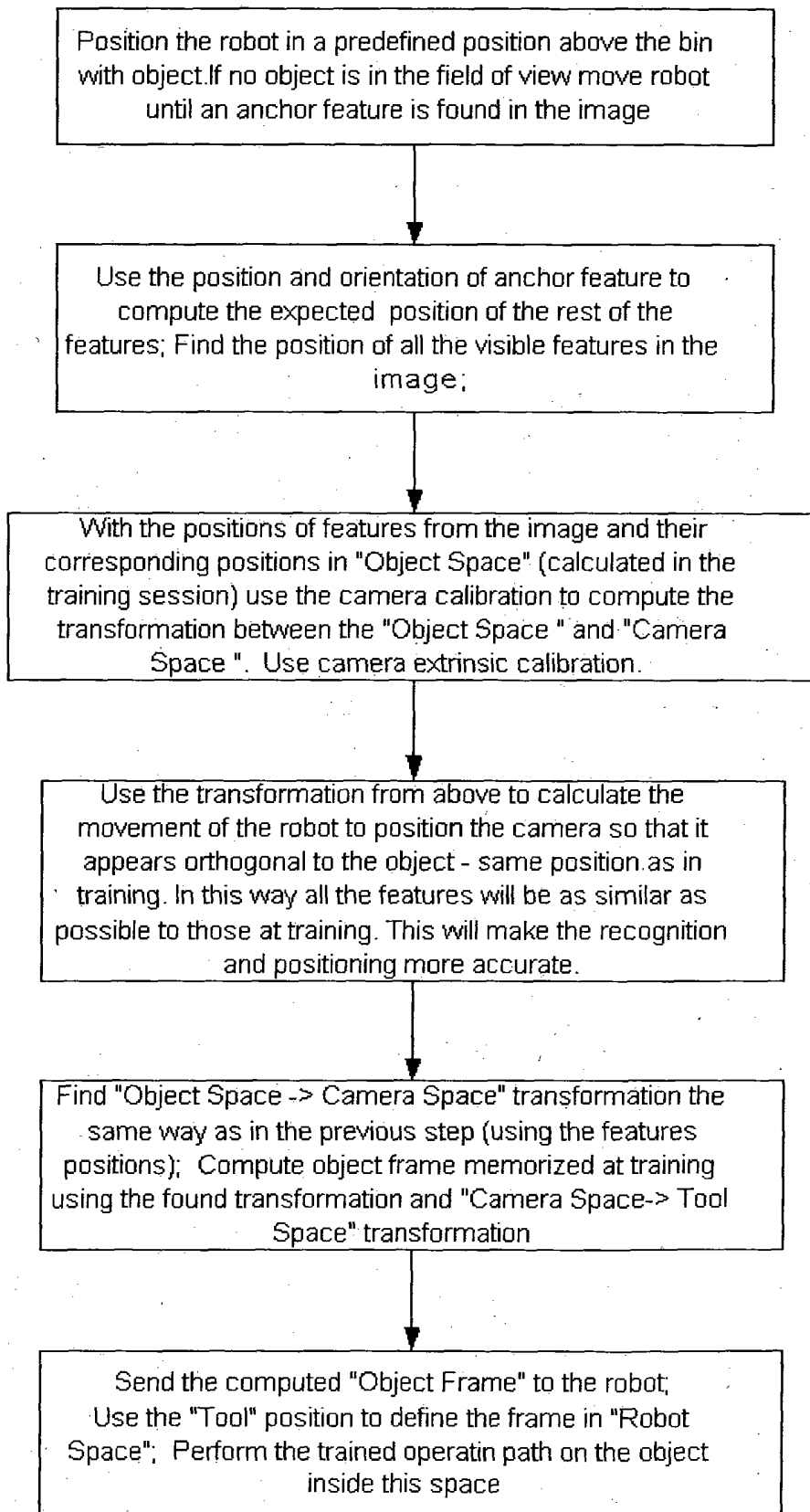


FIG. 7